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July 29, 2016

Mr. Ronald A. Jones, Vice President  
South Carolina Electric & Gas Company  
New Nuclear Deployment  
P.O. Box 88  
Jenkinsville, SC 29065

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 — SAFETY  
EVALUATION FOR THE COMMISSION-APPROVED SIMULATION FACILITY  
(TAC NO. RQ0441)

Dear Mr. Jones:

By letter dated April 21, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16112A256), as supplemented by letters dated May 25 and July 12, 2016 (ADAMS Accession Nos. ML16146A717 and ML16194A247), South Carolina Electric & Gas Company (SCE&G) requested approval to use a simulation facility for Virgil C. Summer Nuclear Station Units 2 and 3 (VCSNS 2 & 3) in the administration of operating tests for operators and senior operators under Title 10 of the *Code of Federal Regulations* (10 CFR) 55.45(b)(1). After reviewing SCE&G's request, the Commission finds that the simulation facility for VCSNS 2 & 3 and its proposed use are suitable for the conduct of operating tests for the facility licensee's reference plant under 10 CFR 55.45(a). Therefore, pursuant to 10 CFR 55.46(b)(2), the Commission approves the simulation facility for VCSNS 2 & 3 for administration of operating tests. The approval to administer operating tests on this Commission-approved simulation facility (CAS) will expire as unneeded when SCE&G has available a plant-referenced simulator meeting the requirements of 10 CFR 55.46(c). In addition, the Commission finds the simulation facility for VCSNS 2 & 3 satisfies the criteria in the U.S. Nuclear Regulatory Commission's (NRC) Regulatory Guide 1.149, "Nuclear Power Plant Simulation Facilities for Use in Operator Training and License Examinations" to be suitable for control manipulations. This finding regarding the simulation facility's suitability for control manipulations does not constitute an exemption from any applicable regulations, including 10 CFR 55.31(a)(5); any exemption would be addressed separately.

The NRC has prepared a Safety Evaluation (SE) for the CAS for VCSNS 2 & 3, Combined License (COL) Numbers NPF-93 and NPF-94, respectively. The enclosed SE is being provided only to SCE&G for review of proprietary information pursuant to 10 CFR 2.390 "Public Inspections, Exemptions, and Requests for Withholding." The staff concludes that the enclosed SE does not contain information for which exemption from public disclosure has been approved. The staff requests that, within 10 business days from the date of this letter, SCE&G identify such exempt information and any factual errors. If within that 10-day period you do not request

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that all or portions of the SE be withheld from public disclosure, the enclosed SE will be made available for public inspection through the NRC's Public Document Room and the Publicly Available Records component of ADAMS and placed on the NRC's public web page for this application.

If you have any questions, please contact Mr. Paul Kallan, Senior Project Manager at (301) 415-2809, [Paul.Kallan@nrc.gov](mailto:Paul.Kallan@nrc.gov).

Sincerely,

*/RA/*

Jennifer Dixon-Herrity, Acting Chief  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

Enclosure:  
Safety Evaluation

cc w/o encl: See next page

R. Jones

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If you have any questions, please contact Mr. Paul Kallan, Senior Project Manager at (301) 415-2809, [Paul.Kallan@nrc.gov](mailto:Paul.Kallan@nrc.gov).

Sincerely,

*/RA/*

Jennifer Dixon-Herrity, Acting Chief  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos.: 52-027  
52-028

Enclosure:  
Safety Evaluation

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NRO-002

OFFICE	DNRL/LB4:PM	DNRL/LB4:LA	DCIP/COLB:BC	DCIP/DD
NAME	PKallan	RButler	MJunge	MCheok
DATE	7/22/2016	7/21/2016	7/25/2016	7/25/2016
OFFICE	OGC	DNRL/LB4: (A)BC	DNRL:D	
NAME	DRoth*	JDixon-Herrity	FAkstulewicz	
DATE	7/20/2016	7/28/2016	7/29/2016	

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COL SCE&G – VC Summer Mailing List  
cc:

(Revised 03/10/2016)

Mr. Jeffrey B. Archie  
Sr. Vice President, Nuclear Operations  
South Carolina Electric & Gas Company  
MC D304  
220 Operation Way  
Cayce, SC 29033-3172

Gregrey Ginyard  
366 Lakeview Drive  
Jenkinsville, SC 29065

Mr. Wayne Guilfoyle  
Commissioner  
District 8  
Augusta-Richmond County Commission  
4940 Windsor Spring Rd  
Hephzibah, GA 30815

Gwendolyn Jackson  
Burke County Library  
130 Highway 24 South  
Waynesboro, GA 30830

Mr. Barty Simonton  
Environmental Radiation Program Manager  
Environmental Protection Division  
Georgia Dept. of Natural Resources  
4224 International Pkwy, Suite 120  
Atlanta, GA 30354-3906

Ms. Gidget Stanley-Banks  
Director  
Allendale County EPA  
426 Mullberry Street  
Allendale, SC 29810

Ms. Ruth Thomas  
Environmentalists Inc.  
354 Woodland Dr  
Columbus, NC 28722

## COL SCE&G – VC Summer Mailing List

### Email

abynum@scana.com (Al Bynum)  
ALPUGH@southernco.com (Amanda Pugh)  
andy.barbee@scana.com (Andy Barbee)  
annacom@westinghouse.com (Michael J. Annacone)  
arice@scana.com (April R. Rice)  
awc@nei.org (Anne W. Cottingham)  
baucomc@westinghouse.com (Charles T. Baucom)  
bedforbj@westinghouse.com (Brian Bedford)  
Bill.Jacobs@gdsassociates.com (Bill Jacobs)  
burrouno@westinghouse.com (Nicholle Burroughs)  
castelca@westinghouse.com (Curtis Castell)  
churchcd@westinghouse.com (Carl D. Churchman)  
coleja@westinghouse.com (Joseph Cole)  
comerj@westinghouse.com (James Comer)  
crenshjw@westinghouse.com (John Crenshaw)  
david.lewis@pillsburylaw.com (David Lewis)  
DCRM-EDMS@SCANA.COM  
dgriffin@scana.com (Donna S. Griffin)  
durhamdc@westinghouse.com (David Durham)  
ed.burns@earthlink.net (Ed Burns)  
fbelser@regstaff.sc.gov  
Garrett.Sanders@SCANA.com (Garrett Sanders)  
gary@jonespartners.net (Gary Jones)  
George\_Stramback@Charter.net (George Stramback)  
gkokolis@regstaff.sc.gov (George Kokolis)  
gsoult@regstaff.sc.gov (Gene G. Soult)  
jannina.blanco@pillsburylaw.com (Jannina Blanco)  
jantol1dj@westinghouse.com (David Jantosik)  
jarchie@scana.com (Jeffrey B. Archie)  
Jeff.hawkins@fluour.com (Jeff Hawkins)  
jenkinse@dhec.sc.gov (Susan Jenkins)  
jflitter@regstaff.sc.gov  
Joseph\_Hegner@dom.com (Joseph Hegner)  
justin.bouknight@scana.com (Justin R. Bouknight)  
karlg@att.net (Karl Gross)  
Katie.brown@scana.com (Katie Brown)  
kdfili@southernco.com (Karen Fili)  
kinneyrw@dhec.sc.gov (Ronald Kinney)  
kmstacy@southernco.com (Kara Stacy)  
kroberts@southernco.com (Kelli Roberts)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
majames@regstaff.sc.gov (Anthony James)

COL SCE&G – VC Summer Mailing List

mcintyba@westinghouse.com (Brian McIntyre)  
media@nei.org (Scott Peterson)  
MSF@nei.org (Marvin Fertel)  
Nicholas.Kellenberger@scana.com (Nicholas Kellenberger)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
paul.mothena@scana.com (Paul Mothena)  
Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
porterhj@dhec.sc.gov (Henry Porter)  
r.joshi15@comcast.net (Ravi Joshi)  
randall@nexusamllc.com (Randall Li)  
RJB@NEI.org (Russell Bell)  
Ronald.Jones@scana.com (Ronald Jones)  
russpa@westinghouse.com (Paul Russ)  
rwink@ameren.com (Roger Wink)  
sabinski@suddenlink.net (Steve A. Bennett)  
sara@cleanenergy.org (Sara Barczak)  
sburdick@morganlewis.com (Stephen Burdick)  
sbyrne@scana.com (Stephen A. Byrne)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
shudson@regstaff.sc.gov (Shannon Hudson)  
solleyda@dhec.sc.gov (David Solley)  
stephan.moen@ge.com (Stephan Moen)  
TGATLIN@scana.com (Thomas Gatlin)  
tom.miller@hq.doe.gov (Tom Miller)  
TomClements329@cs.com (Tom Clements)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
vcsnrc@scana.com (NRC Senior Resident Inspector)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
weave1dw@westinghouse.com (Doug Weaver)  
William.Cherry@scana.com (William Cherry)  
wmcherry@santeecooper.com (Marion Cherry)